

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-27 (canceled)

- 28.(new) A composition comprising a monodisperse lipid phase dispersed in a continuous aqueous phase, in which the lipid phase comprises at least one crystallizable lipid, at least one active principle and at least one compound stabilizing the dispersed phase comprising two fatty acid chains and one polyethylene glycol chain.
- 29.(new) The composition as claimed in claim 28, in which an inner aqueous phase is dispersed in the dispersed lipid phase.
- 30.(new) The composition as claimed in claim 28, in which the dispersed lipid phase has a mean diameter of between 0.3 and 10 micrometers.
- 31.(new) The composition as claimed in claim 28, comprising 0.01% to 30% by weight of lipid phase.
- 32.(new) The composition as claimed in claim 28, comprising 0.001% to 30% by weight of compound for stabilizing the dispersed phase.
- 33.(new) The composition as claimed in claim 28, in which the polyethylene glycol chain comprises 25 to 1000 ethylene glycol units.

- 34.(new) The composition as claimed in claim 28, in which the continuous aqueous phase further comprises 0.001% to 10% by weight of a thickener.
- 35.(new) The composition as claimed in claim 34, in which the thickener is an alginic acid salt.
- 36.(new) The composition as claimed in claim 28, in which the crystallizable lipid is chosen from natural or synthetic fatty acid mono-, di- or triglycerides, natural or synthetic waxes, wax alcohols and esters thereof, fatty alcohols and esters and ethers thereof, fatty acids and esters thereof, fatty acid glycerides and hydrogenated plant or animal oils, alone or as a mixture.
- 37.(new) The composition as claimed in claim 36, in which the crystallizable lipid is a C₁₂-C₁₈ mono-, di- or triglyceride.
- 38.(new) The composition as claimed in claim 28, in which the continuous aqueous phase comprises a cryoprotective agent.
- 39.(new) The composition as claimed in claim 38, in which the cryoprotective agent is a polyol or a salt.
- 40.(new) The composition as claimed in claim 28, in which the lipid phase comprises at least two active principles.
- 41.(new) The composition as claimed in claim 28, in which the lipid phase comprises at least one water-soluble active principle.

- 42.(new) The composition as claimed in claim 28, in which the lipid phase comprises at least one sparingly water-soluble active principle.
- 43.(new) The composition as claimed in claim 28, in which the lipid phase comprises at least one water-soluble active principle and at least one sparingly water-soluble active principle.
- 44.(new) The composition as claimed in claim 28, in which the active principle is chosen from the group of pharmaceutical, veterinary, plant-protection, cosmetic and agrifood active principles.
- 45.(new) The composition as claimed in claim 28, in which the active principle is a detergent, a nutrient, an antigen or a vaccine.
- 46.(new) The composition as claimed in claim 28, in which the water-soluble pharmaceutical active principle is chosen from the group consisting of antibiotics, hypolipidemiants, antihypertensives, antiviral agents, beta blockers, bronchodilators, cytostatic agents, psychotropic agents, hormones, vasodilators, antiallergic agents, antalgic agents, antipyretic agents, antispasmodic agents, anti-inflammatory agents, anti-angiogenic agents, antibacterial agents, antiulcer agents, antifungal agents, antiparasitic agents, antidiabetic agents, antiepileptic agents, antiparkinsonian agents, antimigraine agents, anti-Alzheimer's agents, antiacne agents, antiglaucoma agents, antiasthmatic agents, neuroleptics, antidepressants, anxiolytics, hypnotics, normothymic agents, sedatives, psychostimulants, anti-osteoporosis agents, antiarthritic agents, anticoagulants, antipsoriasis agents,

hyperglycemiants, orexigenic agents, anorexigenic agents, antiasthenic agents, anticonstipation agents, antidiarrhea agents, antitrauma agents, diuretics, muscle relaxants, enuresis medicaments, erectile dysfunction medicaments, vitamins, peptides, proteins, anticancer agents, nucleic acids, RNA, oligonucleotides, ribozymes and DNA.

47.(new) The composition as claimed in claim 28, in which the active principle(s) is(are) combined with an agent that modifies the oral absorption or an enzyme inhibitor.

48.(new) The composition as claimed in claim 47, in which the enzyme inhibitor is a P-glycoprotein inhibitor or a protease inhibitor.

49.(new) A process for preparing a composition comprising a monodisperse lipid phase dispersed in a continuous aqueous phase, in which the lipid phase comprises at least one crystallizable lipid, at least one active principle and a stabilizer, comprising the steps consisting in:

- i. introducing the active principle(s) into the crystallizable lipid;
- ii. dispersing the lipid phase obtained in the aqueous phase in the presence of a stabilizer, to form an emulsion;
- iii. subjecting the emulsion obtained to a shear to form a monodisperse emulsion.

50.(new) A process for preparing a composition comprising a monodisperse lipid phase dispersed in a continuous aqueous phase, in which the lipid phase comprises at least one crystallizable lipid, at least one active principle, a stabilizer and also a dispersed aqueous phase, comprising the steps consisting in:

dispersing an aqueous solution comprising the active principle(s) in the lipid melt containing, where appropriate, one or more active principles in the presence of a lipophilic surfactant;

- i. subjecting the emulsion obtained to a shear in order to make it monodisperse;
- ii. incorporating the monodisperse emulsion into an aqueous phase in the presence of a stabilizer to form a double emulsion;
- iii. subjecting the double emulsion obtained to a shear to form a monodisperse double emulsion.

51.(new) The process as claimed in claim 49, further comprising a cooling step to solidify the dispersed lipid phase.

52.(new) A process for preparing monodisperse lipid particles comprising at least one active principle, comprising the removal of the aqueous phase of a composition prepared according to the process of claim 49.

53.(new) A process for preparing monodisperse lipid particles comprising at least one active principle, comprising the removal of the aqueous phase of a composition prepared according to the process of claim 50.

54.(new) The process as claimed in claim 53, in which the aqueous phase is removed by freeze-drying, if necessary after diluting the composition in a solution containing a cryoprotective agent.